



KEYWORDS	Mus musculus (house mouse)	QY	500	TCGTTACCGAAGCCCGCTCGGACCGAGAGCGGGGAGCTCTACACCTGACTGTGTAGTGG	559
SOURCE	Mus musculus	Db	1336	TCGTGACCGAAGCCCGCTTGGACCGAGAGCTGGGAGCTCTACACCTGACTGTGTAGTGG	1395
ORGANISM	Mammalia; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.	QY	560	CTCGGACCGGGGCGAGCGCTGCGCTCTCCACAGTAAGTCGATCCAGGTACAAGTGTCCG	619
REFERENCE	1 (bases 1 to 3329)	Db	1396	CCCGGACCGGGGCGAGCGCTGCACTCTCCACAGTAAGTCGATCCAGGTACAAGTGTCCG	1455
AUTHORS	Hirano, S., Yan, Q. and Suzuki, S.T.	QY	620	ATGTGAACGACAAAGCGCGCGTTCAGCAGCGCGTCTACGACGTGTATGTGACTGAAA	679
TITLE	Expression of a novel protocadherin, Ou-protocadherin, in a subset of functional systems of the developing mouse brain	Db	1456	ATGTGAATGACAAATGCGCGCGCTTACGACGCGCGTCTACGACGTGTATGTGACAGAA	1515
JOURNAL	C. Neurosci. 19 (3), 995-1005 (1999)	QY	680	ACAAGTGCCTGCGCGCTACATCTACGCGGTAGCGCCACCGACCGGATGAGGGCGCA	739
MEDLINE	9920663	Db	1516	ACATGTGCGCGGTGCTACATTTAGCGGTGAGCCGACCGACCGAGAGGGCGCA	1575
PUBMED	9920663	QY	740	ACGCCAGCTTGCTACTCTATCTCTCGAGTGCAGATCCAGGCGATGAGCGTCTTCACT	799
REFERENCE	2 (bases 1 to 3329)	Db	1576	ATGCAAAATTAACCTACTCTATCTAGAGTGCAGATCCAGGAAATGAGTGTCTTCACT	1635
AUTHORS	Hirano, S., Yan, Q. and Suzuki, S.T.	QY	800	ACGTTTCTACTCAACTCTGAGACGGCTACTGTAGCGCTCGCTCGCTTTCGACTATGAC	859
TITLE	Direct Submission	Db	1636	ACGTGTCCATCAACTCAGACACGGCTACTTGTACGCCCTGAGATCCTTCGACTATGAC	1695
JOURNAL	Submitted (04-FEB-1997) DVRC309, Doherty Eye Institute, 1450 San Pablo Street, Los Angeles, CA 90033, USA	QY	860	AGCTGAAGGACTTCACTTTTCAAGTGAAGCCCGGACGCTGGCAGCCCGGCGCTGG	919
FEATURES	Location/Qualifiers	Db	1696	AGATCAAGGACTTCACTTTTCAAGTGAAGCCCGGACGCGCGGCTGCCAGGCGCTGG	1755
source	1. 3329	QY	920	CTGGTAAGCCACTGTCAACATCTCTATAGTGGATCAAAATGACAAAGCCCTTGCATCG	979
	/organism="Mus musculus"	Db	1756	CCGGCAATGACCGGTCAACATCTTGTATAGTGGATCAGAACGACGCGCGGCGATCG	1815
	/mol_type="mRNA"	QY	980	TGGCGCTCTTACAGGCGCGCAAGCGGACTCCAGCGGTGAGTGTGCTGCCCGCTCGGG	1039
	/strain="C57 Black"	Db	1816	TGGCGCTCTTCCGGGCGCAACGGGACTCCAGCGCGGCTGCTGCGCGCTCTGCGG	1875
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	93. 2783	Db	1876	AACCGGCTACCTGCTCACTCGTGTGGCGCGAGTGCAGCGGACGCGGCGGAGAACG	1935
	/function="cell-cell adhesion molecule"	QY	1100	GGCTCACTTACACATCTGTGCTGGGCAAGAAATGAACCTTTTCGATGAGTGGCGCA	1159
	/codon_start=1	Db	1936	GGCTCACTTACACATCTGTGCTGGGCAAGAAATGAACCTTTTCGATGAGTGGCGCA	1995
	/notes="member of the cadherin superfamily"	QY	1160	CCGGGAGCTGCGCAGCAGCGCGGAGTCCGGGCGCAAGCGGACCGGCGGCGCTTATG	1219
	/product="OL-protocadherin"	Db	1996	CCGGGAGCTGCGCAGCGCGGCTCCAGCAAGCGGACCGGCGGCGCTTATG	2055
	/protein_id="AA00651.1"	QY	1220	AGCTGTGATCGAGGTGCGGACCATGGGACGCGCGCTTCTCTCCACCGCACCTGG	1279
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	ITLSARRFTQVANSRTPVLDNLTVLYVNEKIDREIQKQSPCVLHLEVLNLP	Db	2116	TGGTTCAGCTTGGTGGATGGCGCGGTGGAGCCCGGCGGCGGAGCGGAGCGGAG	2175
	LELFVEVLDINDPPFPEDLTVEISATPTFPFESAPDPVGTNSLRDYE	QY	1340	GGTCAGAGNACGACCGCGCGCTGCTGGCGCGGCGGAGAACCTTCTAGACCTCA	1399
	ITPNSVLDVQCGGNRFAELVLEKPLDQQAQVHVLTAVDGGGGGCGGCGG	Db	2176	GGTCAGAGNACGACCGCGCGCTGCTGGCGCGGCGGAGAACCTTCTAGACCTCA	2235
	GGAG:PPQORGTALLTRVLDSNDVPAFDQPVTVSLPNSPPGLTVLQNLATD	QY	1400	CCCTCATCTCATCTGCGGTGGGCTCGGTGCTCTTCTCTCTCTGCTGGCGCATGATCG	1459
	PDEGQNGVYVSPSSHISPRARELFCSPRTGRLEVSGELDYESPVQVYVQAKDLG	Db	2236	CACCTTATCTTATCTGCGCGCTGGGCTCGGTGCTCTTCTCTCTGCTGGCGCATGATCG	2295
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	VEPQGGGRGGSGGHLRPSGGGTSLSLTLILI TALGSVSIFILLMILVLRVC	QY	1580	CCCGGCGCGCAAGAGAAAGAACTCAGCAAGTCAGATCATCATCTGCTGCTGCTGCTG	1639
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SE COUNT	721 a 949 c 947 g 712 t				
IG:N					
Query Match	33.24 Score 1379.2; DB 10; Length 3329;				
Best Local Similarity	97.91; Pred. No. 9.4e-264;				
Matches 1504; Conservative	C; Mismatches 208; Indels 0; Gaps 0;				
200	AGTTGGACTATGAAGAGAGCCAGTGTACCAAGTGTACGTGCAAGCAAGGACCTGGGCC	259			
1036	AGCTGGACTATGAAGAGAGCCAGTGTATCAGCTGTATGTCACCAAGGACTTGGGTC	1095			
260	CCACGCGCTGCTGGCAGTCAAGAGTATAGTGGAGTCTGATGATGATGATGATGATGATG	319			
1096	CCATGCTTGGCTGGCGACTGCAAGGTTCTGGTGGAGTGTGATGATGATGATGATGATGATG	1155			
320	CGCCAGAGTACAGTTCAGCACCGTGAAGGAGCGGTGAGTGGGCGCGCGCGCGCA	379			
1156	CACAGAGTACAGTTCAGCACAGTGAAGAGCGGTGAGAGCGGTGCGGCGCTTGCA	1215			
380	CTGTGGTGGCGCTTTCAGCGTACAGTCAAGCGACTCAGAGAGATGGCAGGTGACGT	439			
1216	CGGTGGTGGCTCTGTTACAGCTGACCGATCGGGACTCAGAGGAGAACGGGAGGTGACGT	1275			
440	GCGAGCTACTGGGAGAGCTGCTTTCGGCTCAAGTCTTCTTCAAGATTAACACCA	499			
1276	GTGAGCTTCTGGAGAGCTGCTTTCGGCTCAAGTCTTCTTCAAGATTAACACCA	1335			